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| <input type="checkbox"/> FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (MODIFIED) | | ATTORNEY'S DOCKET NUMBER X-16280 | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/579510 | |
| INTERNATIONAL APPLICATION NO. PCT/US2004/037200 | INTERNATIONAL FILING DATE 01 December 2004 (01.12.2004) | PRIORITY DATE CLAIMED 10 December 2003 (10.12.2003) | |
| TITLE OF INVENTION: MUTEINS OF FIBROBLAST GROWTH FACTOR 21 | | | |
| APPLICANT(S) FOR DO/EO/US.: John Michael Beals, Christopher Carl Frye, Wolfgang Glaesner, Shun Li, Radmila Micanovic, Radhakrishnan Rathnachalam, Jing Shang, Beth Ann Striffler | | | |
| Applicant herewith submits to the U.S. Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| 1. | <input checked="" type="checkbox"/> | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | |
| 2. | <input type="checkbox"/> | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | |
| 3. | <input type="checkbox"/> | This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). | |
| 4. | <input checked="" type="checkbox"/> | The US has been elected (Article 31). | |
| 5. | <input checked="" type="checkbox"/> | A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | |
| | <input type="checkbox"/> | a. is transmitted herewith (required only if not transmitted by the International Bureau). | |
| | <input type="checkbox"/> | b. has been transmitted by the International Bureau. | |
| | <input checked="" type="checkbox"/> | c. is not required, as the application was filed in the United States Receiving Office (RO/US). | |
| 6. | <input type="checkbox"/> | A translation of the International Application into English (35 U.S.C. 371(c)(2)). | |
| 7. | <input checked="" type="checkbox"/> | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) | |
| | <input type="checkbox"/> | a. are transmitted herewith (required only if not transmitted by the International Bureau). | |
| | <input type="checkbox"/> | b. have been transmitted by the International Bureau. | |
| | <input type="checkbox"/> | c. have not been made; however, the time limit for making such amendments has NOT expired. | |
| | <input checked="" type="checkbox"/> | d. have not been made and will not be made. | |
| 8. | <input type="checkbox"/> | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | |
| 9. | <input type="checkbox"/> | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | |
| 10. | <input checked="" type="checkbox"/> | A declaration of the inventors 35 U.S.C. 371(c)(4) was provided in the PCT Request Form. | |
| 11. | <input type="checkbox"/> | A copy of the International Preliminary Report on Patentability (IPRP), including any annexes, and, if not in English, an English language translation of the annexes to the IPER under PCT Article 36 (35 U.S.C. 371(c)(5)). | |
| Items 12. to 18. below concern document(s) or information included: | | | |
| 12. | <input checked="" type="checkbox"/> | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | <input checked="" type="checkbox"/> Search Report from ISA/EP |
| 13. | <input checked="" type="checkbox"/> | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | |
| 14. | <input type="checkbox"/> | Assignment has been recorded at reel _____, frame _____. | |
| 15. | <input checked="" type="checkbox"/> | A FIRST preliminary amendment. | |
| | <input type="checkbox"/> | A SECOND or SUBSEQUENT preliminary amendment. | |
| 16. | <input type="checkbox"/> | A Sequence Listing, 1.821 Statement, and diskette. | |
| 17. | <input checked="" type="checkbox"/> | A power of attorney with 3.73(b) certificate | |
| 18. | <input checked="" type="checkbox"/> | Other items or information: | |
| Please amend the first page of the specification by inserting the following cross-reference after the title: "This is the national phase application, under 35 USC 371, PCT/US2004/037200, filed 01 December 2004, which claims the benefit, under 35 USC 119(e), of US provisional application 60/528,582 filed 10 December 2003." | | | |

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 107579510 | INTERNATIONAL APPLICATION NO. PCT/US2004/037200 | ATTORNEY'S DOCKET NUMBER X-16280 |
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| 19. | X | The following fees are submitted: | CALCULATIONS | PTO USE ONLY |
|-----|---|--|--------------|--------------|
| (a) | | Basic national fee (37 CFR 1.492(a)).....\$300.00 | \$300.00 | |
| (b) | | Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200 | \$200.00 | |
| (c) | | Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500 | \$400.00 | |

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| TOTAL AMOUNT (a + b + c) = | \$ 900.00 | |
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| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$ | |
|---|----|--|

| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
|---|--------------|--------------|------------|----|--|
| Total claims | 20-20= | 0 | X \$50.00 | \$ | |
| Independent claims | 3-3= | 0 | X \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |

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| TOTAL OF ABOVE CALCULATIONS = | \$ 0 | |
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| Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). | \$ | |
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|-------------------|------------------|--|
| SUBTOTAL = | \$ 900.00 | |
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| Processing fee of \$130.00 for furnishing English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | \$ | |
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| TOTAL NATIONAL FEE = | \$ 900.00 | |
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| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | \$ | |
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| TOTAL FEES ENCLOSED = | \$ 900.00 | |
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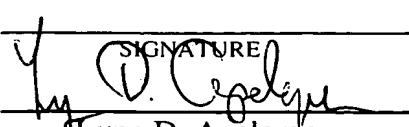

| | | |
|--|-----------------------|----|
| | Amount to be refunded | \$ |
| | charged | \$ |

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 05-0840 in the amount of \$ 900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-0840. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

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| SEND ALL CORRESPONDENCE TO: ELI LILLY AND COMPANY PATENT DIVISION P.O. BOX 6288 INDIANAPOLIS, INDIANA 46206-6288 <u>16 May 2006</u> Date <u>45.341</u> REGISTRATION NUMBER | SIGNATURE  Lynn D. Apelgron <u>317.276.6501</u> TELEPHONE NUMBER |  25885 PATENT TRADEMARK OFFICE |
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10/579510

AP20 Rec'd PCT/PTO 16 MAY 2006

IN THE UNITED STATES RECEIVING OFFICE (USRO)

Applicant(s): BEALS, John Michael, et. al.

International Application No: PCT/US2004/037200

Filed: 01 December 2004 (01.12.2004)

Invention: MUTEINS OF FIBROBLAST GROWTH FACTOR 21

Lilly Reference: X-16280

Earliest Priority Date: 10 December 2003 (10.12.2003)

Certificate Under 37 C.F.R. § 1.10

Attention: DO/EO

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir/Madam:

"Express Mail" mailing label number: EV 393133345US

Date of Deposit: May 16, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

QUEEN THOMAS
(Typed or printed name of person mailing paper)

Queen Thomas
(Signature of person mailing paper or fee)